

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-087122

(43)Date of publication of application : 29.03.1994

(51)Int.Cl.

B29B 11/16
B29B 9/06
B29B 9/14
B29B 15/14
B29C 45/00
B29C 47/00
C08J 5/06
// B29K105:08

(21)Application number : 05-043173

(71)Applicant : ENICHEM SPA

(22)Date of filing : 08.02.1993

(72)Inventor : GIAN LUCA GUERINI
AURELIO SABADORI
DOMINGO KUTORO
OCCHIELLO ERNESTO

(30)Priority

Priority number : 92MI 226 Priority date : 06.02.1992 Priority country : IT

(54) METHOD FOR PRODUCING LONG FIBER REINFORCED THERMOPLASTIC
POLYMER MOLDED OBJECT

(57)Abstract:

PURPOSE: To provide the subject method capable of overcoming a defect of previous technique by using a special long fiber composite wherein a thermoplastic matrix is a compd. of two kinds of polymers.

CONSTITUTION: Open bundles of fibers are impregnated with a thermoplastic polymer powder and these impregnated fibers are gathered to form a continuous filament and this filament is coated with continuous wrapping constituted of a thermoplastic polymer having an m.p. equal to or higher than that of the polymer constituting the powder and this coated filament is calendered at temp. almost equal to the softening temp. of the polymer powder and subsequently cut into granules having length of 2-10 mm to obtain a long fiber reinforced thermoplastic polymer compd. A composite constituted of this compd. is subjected to extrusion, injection molding or spinning.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office